

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126297.D
 Acq On : 21 Dec 2021 15:21
 Operator : JU/CG
 Sample : PB141481BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:20:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

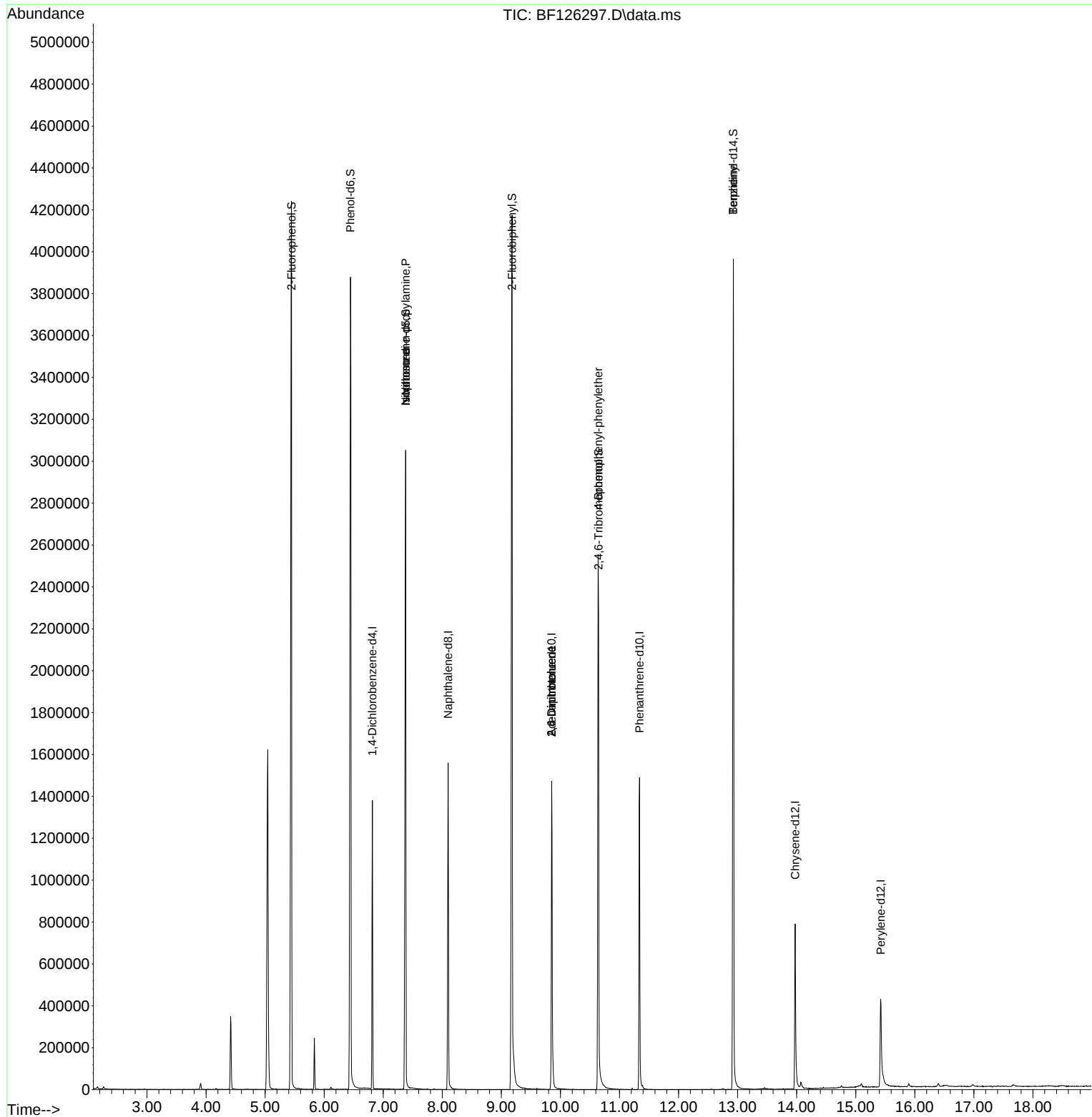
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	180545	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	784013	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	369257	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	602143	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	341574	20.000	ng	0.00
86) Perylene-d12	15.421	264	267633	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1445274	117.887	ng	0.02
7) Phenol-d6	6.445	99	1864852	119.796	ng	0.00
23) Nitrobenzene-d5	7.380	82	1217292	84.090	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	378160	127.433	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1704493	80.959	ng	0.00
79) Terphenyl-d14	12.927	244	1553247	79.038	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.380	70	154758	16.194	ng	# 55
25) Isophorone	7.380	82	1164430	42.596	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	46221	9.130	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	46221	7.157	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	19592	3.467	ng	# 1
77) Benzidine	12.927	184	18529	3.441	ng	95

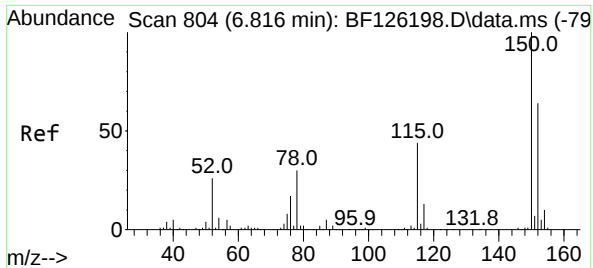
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126297.D
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Operator : JU/CG
Sample : PB141481BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

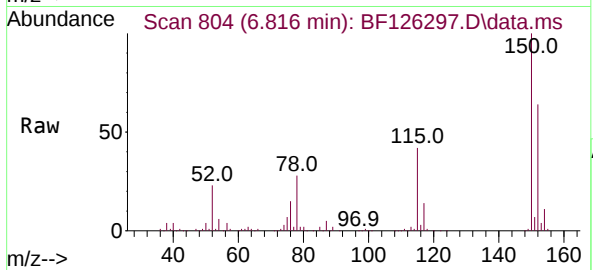
Quant Time: Dec 22 05:20:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



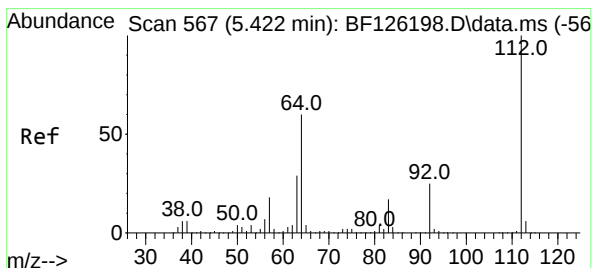
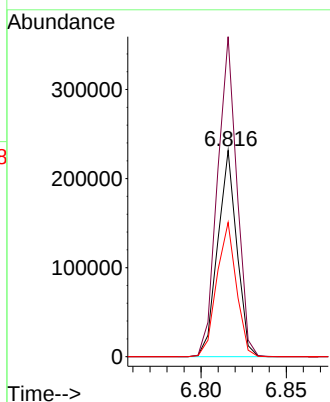
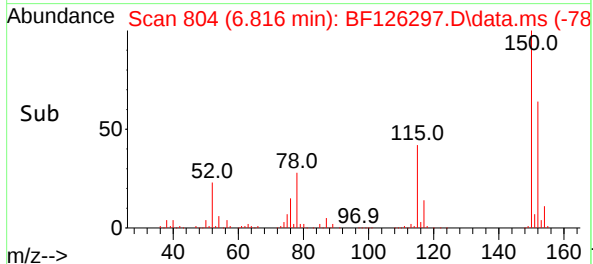


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21

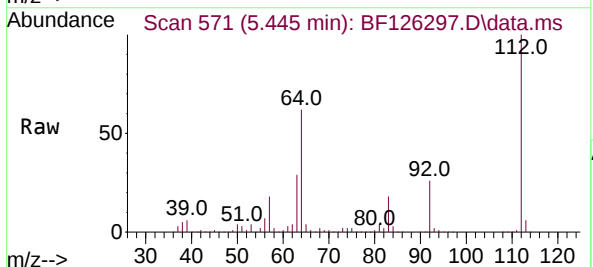
Instrument :
BNA_F
ClientSampleId :



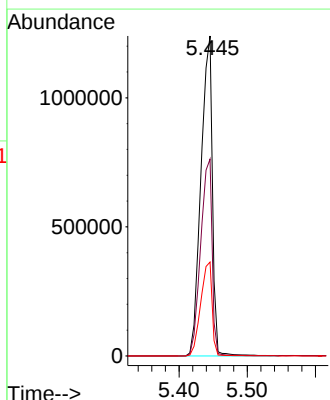
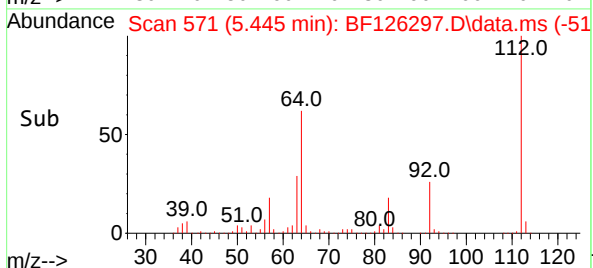
Tgt Ion:152 Resp: 180545
Ion Ratio Lower Upper
152 100
150 155.2 117.6 176.4
115 65.1 47.1 70.7

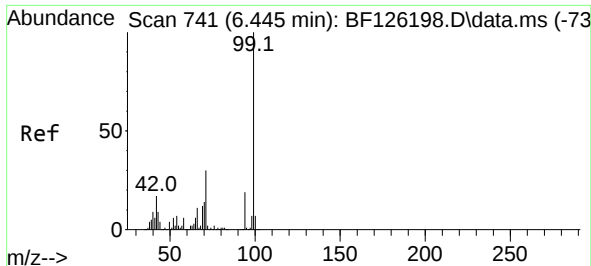


#5
2-Fluorophenol
Concen: 117.887 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.024 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21



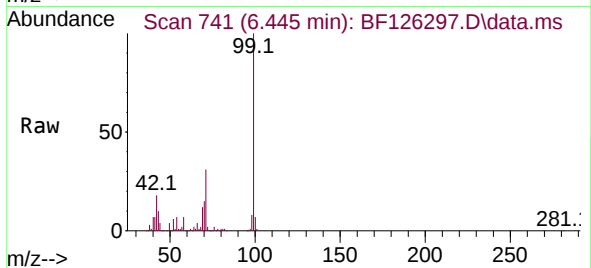
Tgt Ion:112 Resp: 1445274
Ion Ratio Lower Upper
112 100
64 61.5 44.2 66.2
63 29.3 26.2 39.2





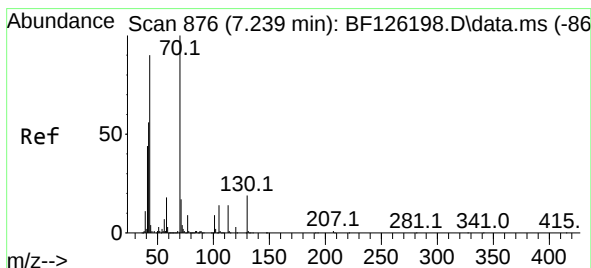
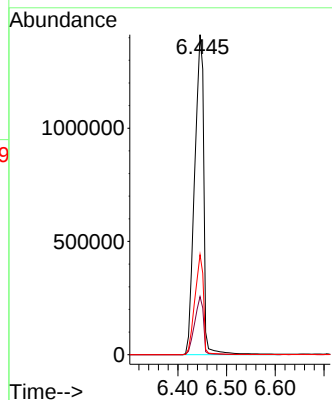
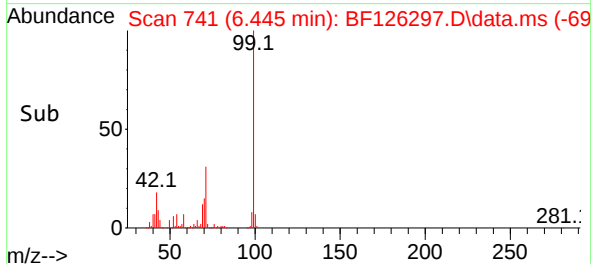
#7
Phenol-d6
Concen: 119.796 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21

Instrument :
BNA_F
ClientSampleId :

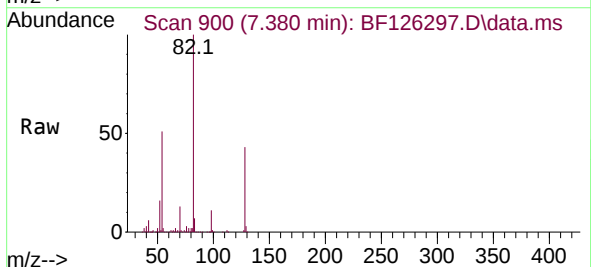


Tgt Ion: 99 Resp: 1864852

Ion	Ratio	Lower	Upper
99	100		
42	18.2	23.5	35.3#
71	31.2	25.6	38.4

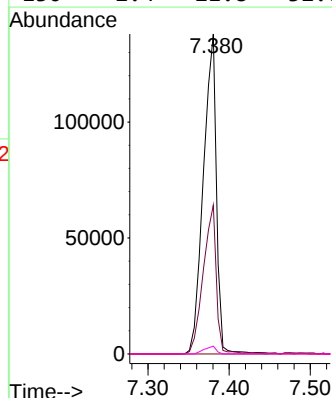
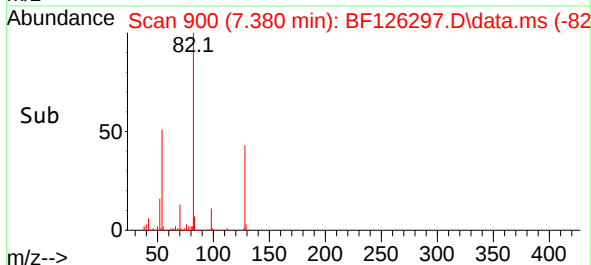


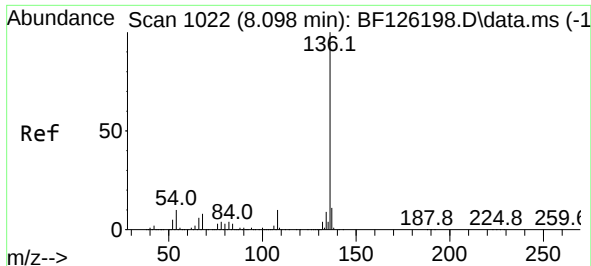
#19
n-Nitroso-di-n-propylamine
Concen: 16.194 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21



Tgt Ion: 70 Resp: 154758

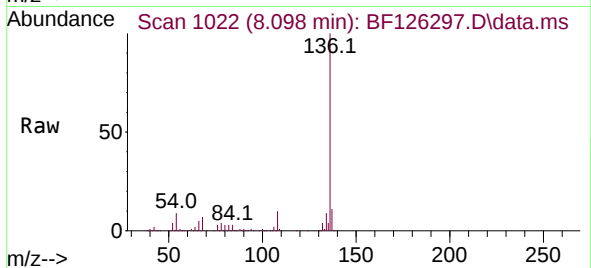
Ion	Ratio	Lower	Upper
70	100		
42	46.5	72.2	108.2#
101	0.0	7.8	11.8#
130	2.4	21.8	32.6#



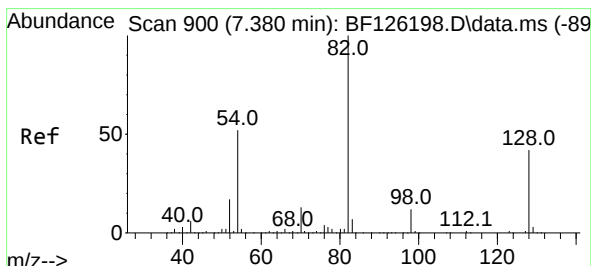
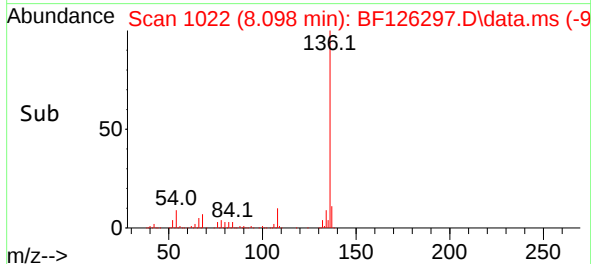
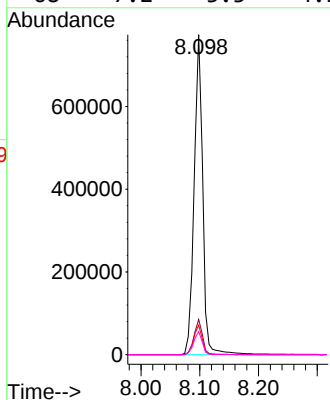


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21

Instrument :
BNA_F
ClientSampleId :

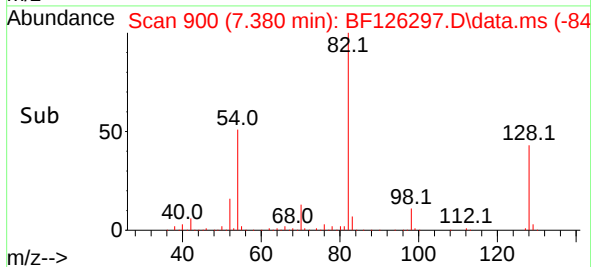
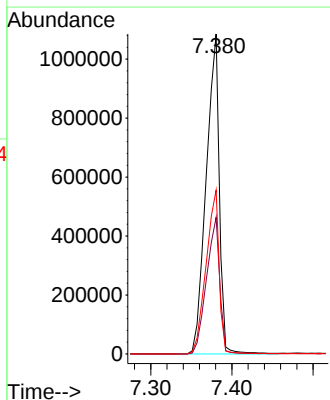
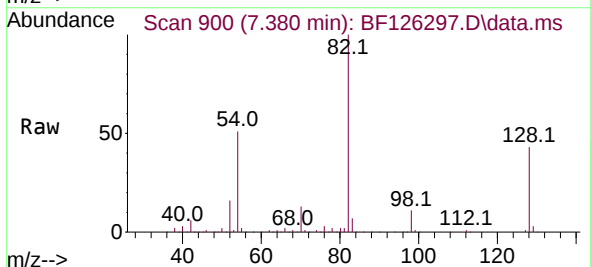


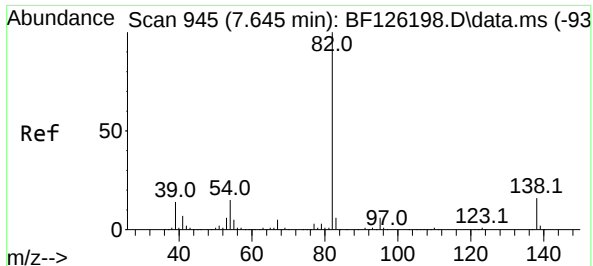
Tgt Ion:136 Resp: 784013
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.3 6.4 9.6
68 7.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 84.090 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21

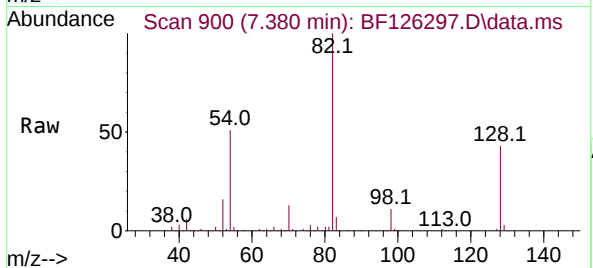
Tgt Ion: 82 Resp: 1217292
Ion Ratio Lower Upper
82 100
128 42.7 40.6 60.8
54 51.2 49.6 74.4



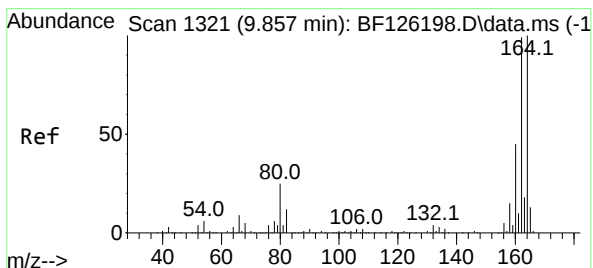
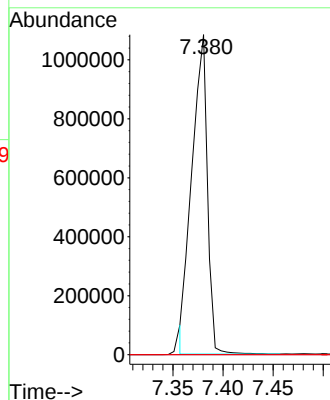
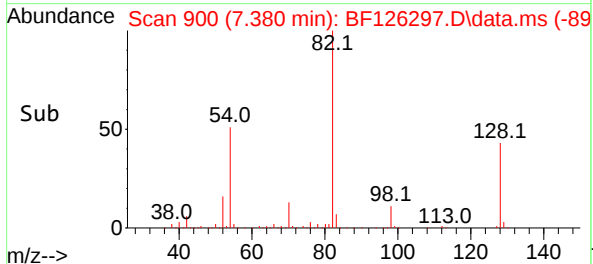


#25
Isophorone
Concen: 42.596 ng
RT: 7.380 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21

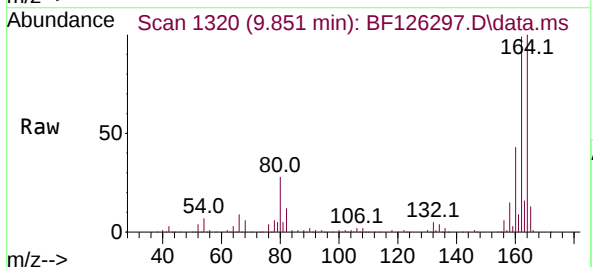
Instrument :
BNA_F
ClientSampleId :



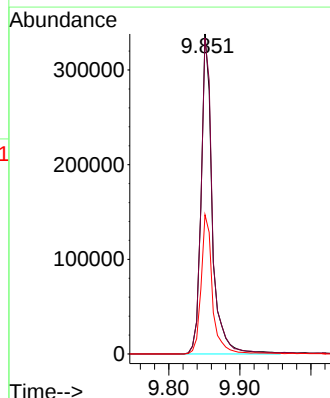
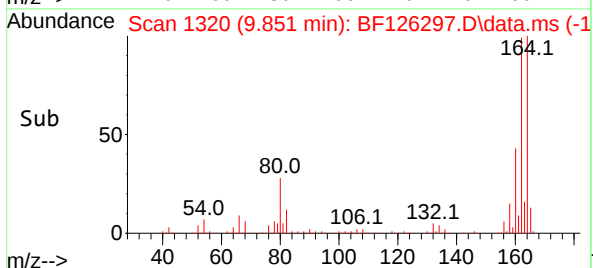
Tgt Ion: 82 Resp: 1164430
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

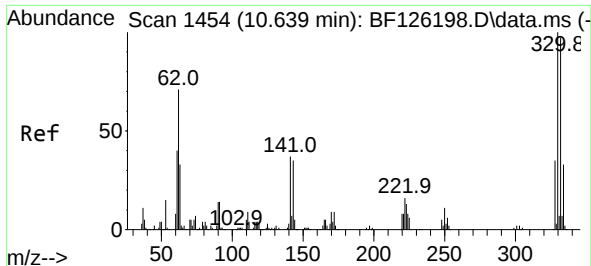


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21



Tgt Ion:164 Resp: 369257
Ion Ratio Lower Upper
164 100
162 98.8 81.3 121.9
160 43.5 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 127.433 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.006 min

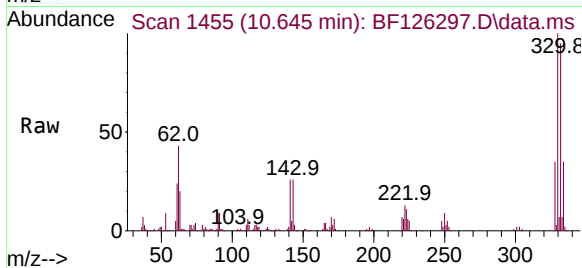
Lab File: BF126297.D

Acq: 21 Dec 2021 15:21

Instrument :

BNA_F

ClientSampleId :



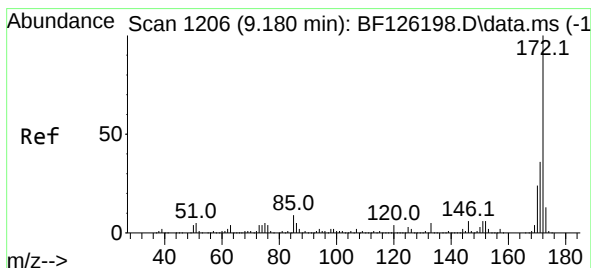
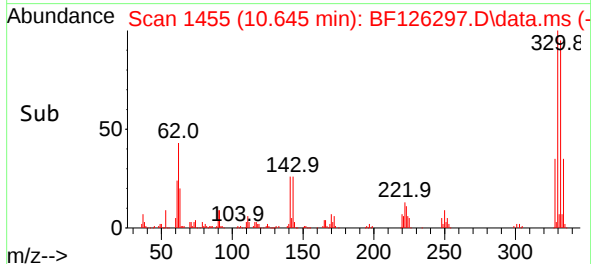
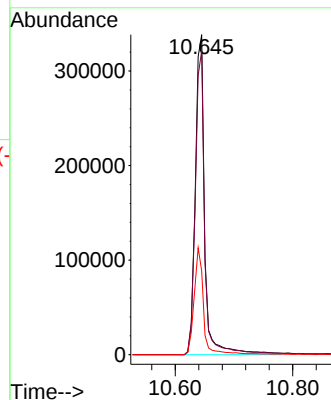
Tgt Ion:330 Resp: 378160

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

141 33.5 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 80.959 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF126297.D

Acq: 21 Dec 2021 15:21

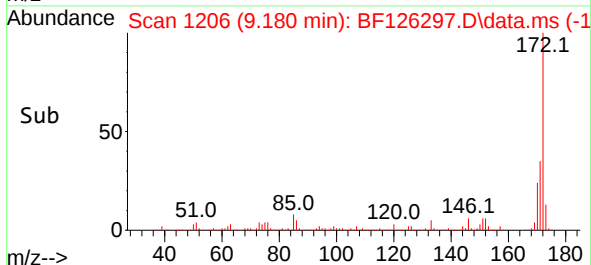
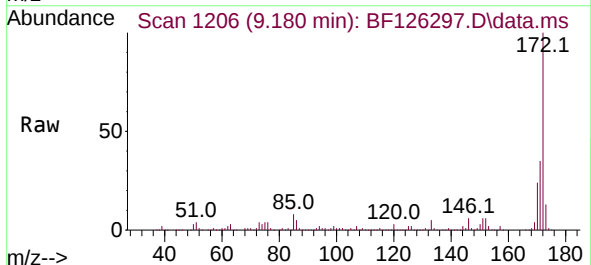
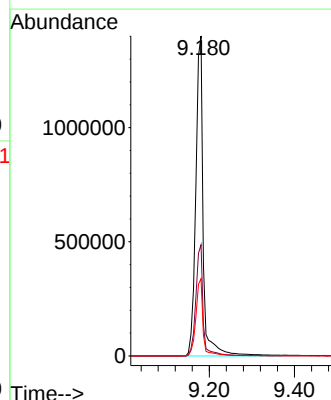
Tgt Ion:172 Resp: 1704493

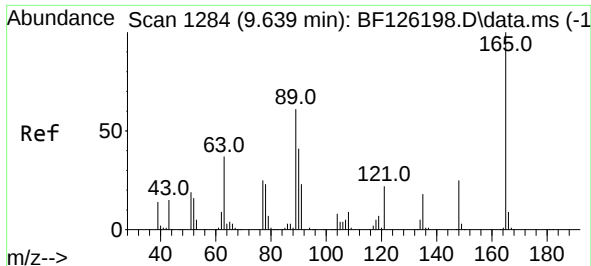
Ion Ratio Lower Upper

172 100

171 34.8 26.5 39.7

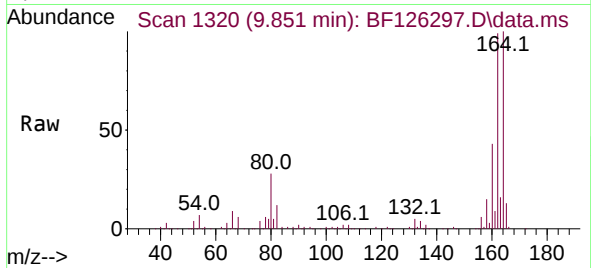
170 24.2 18.8 28.2



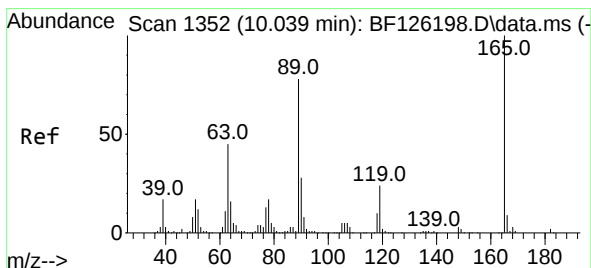
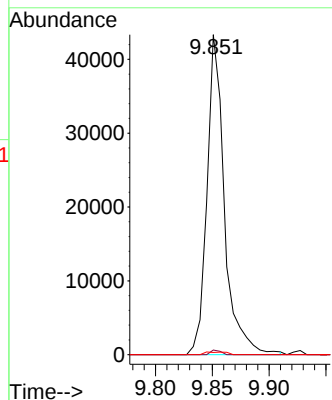
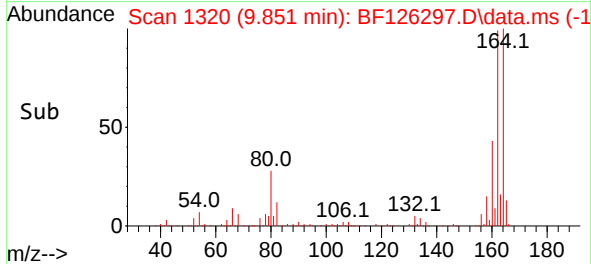


#51
2,6-Dinitrotoluene
Concen: 9.130 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21

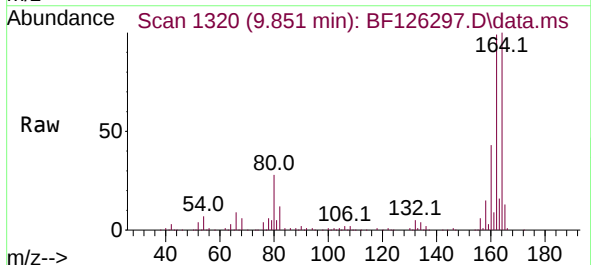
Instrument :
BNA_F
ClientSampleId :



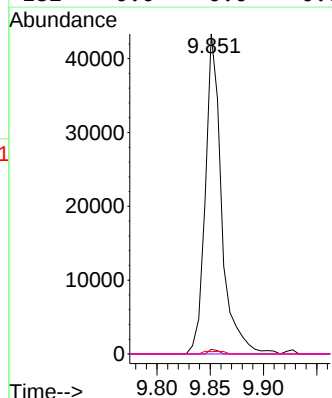
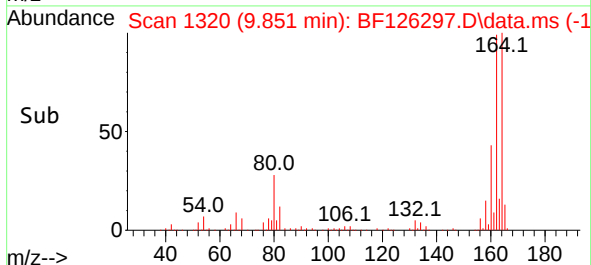
Tgt Ion:165 Resp: 46221
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 0.7 40.6 60.8#

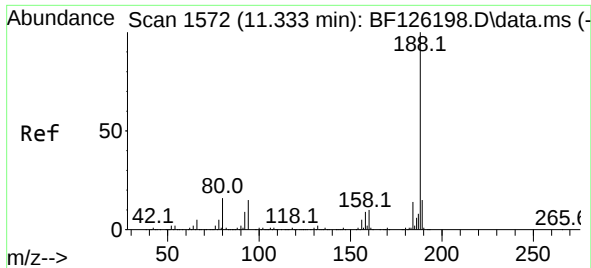


#57
2,4-Dinitrotoluene
Concen: 7.157 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21



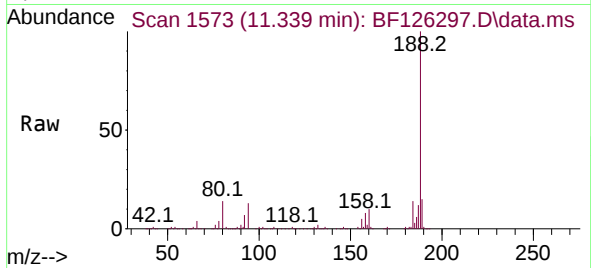
Tgt Ion:165 Resp: 46221
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 0.7 59.7 89.5#
182 0.0 0.0 0.0



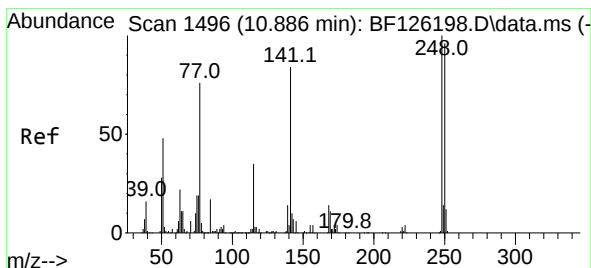
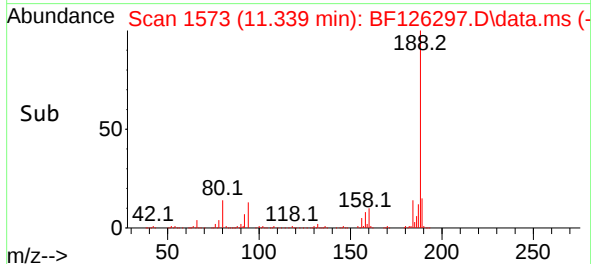
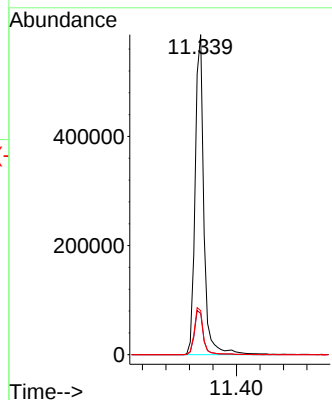


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21

Instrument :
BNA_F
ClientSampleId :

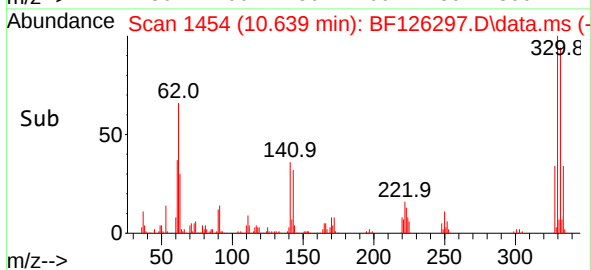
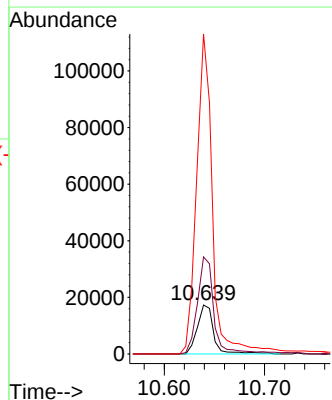
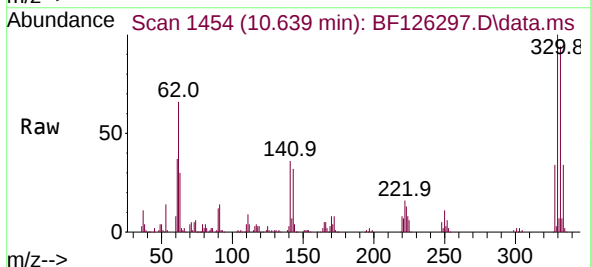


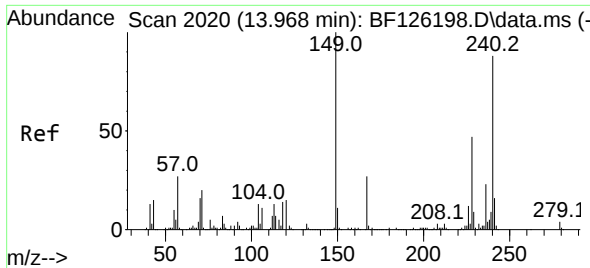
Tgt Ion:188 Resp: 602143
Ion Ratio Lower Upper
188 100
94 12.9 6.7 10.1#
80 13.8 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.467 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21

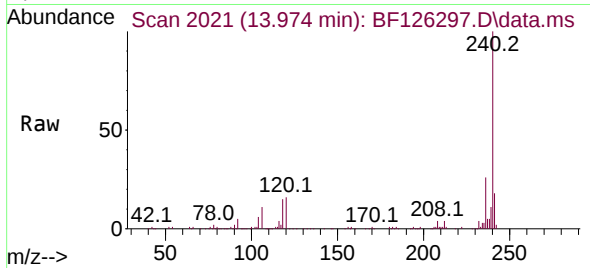
Tgt Ion:248 Resp: 19592
Ion Ratio Lower Upper
248 100
250 198.5 74.2 111.4#
141 654.4 60.4 90.6#



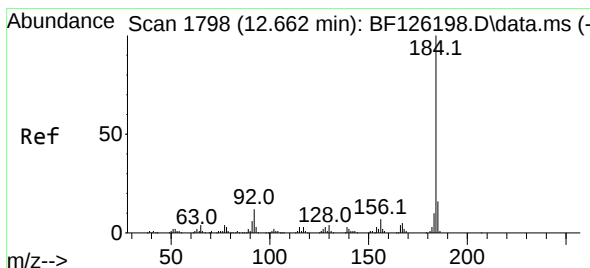
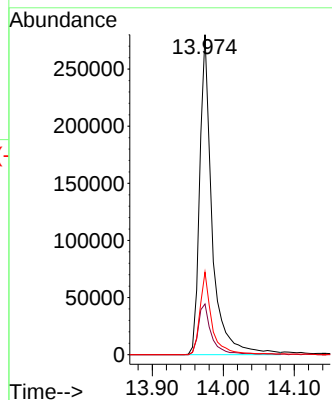
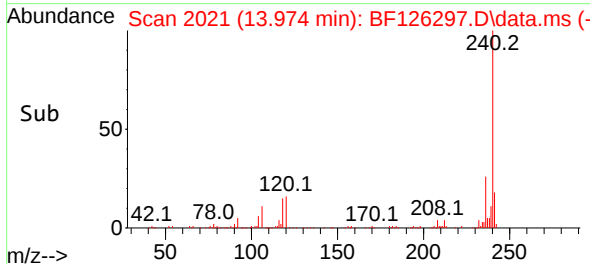


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21

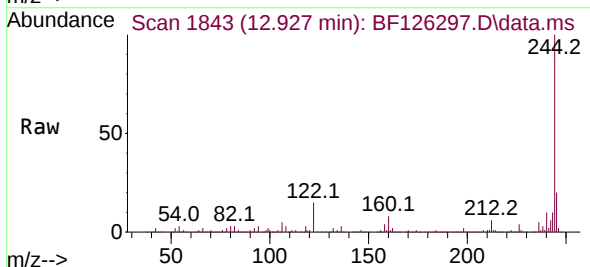
Instrument :
BNA_F
ClientSampleId :



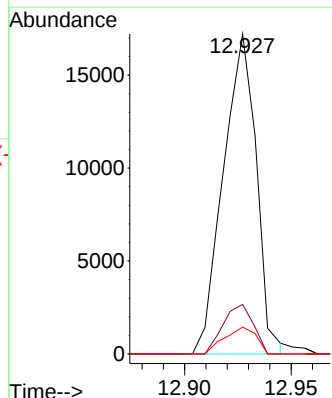
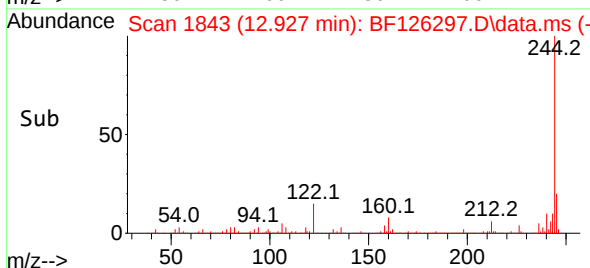
Tgt Ion:240 Resp: 341574
Ion Ratio Lower Upper
240 100
120 15.8 10.8 16.2
236 25.8 21.6 32.4

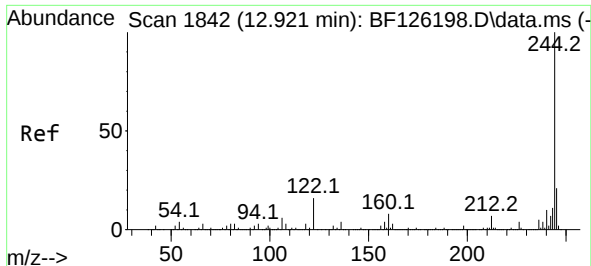


#77
Benzidine
Concen: 3.441 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126297.D
Acq: 21 Dec 2021 15:21



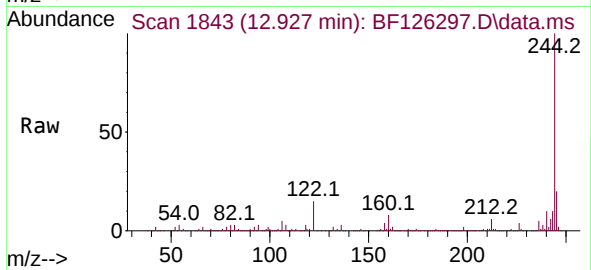
Tgt Ion:184 Resp: 18529
Ion Ratio Lower Upper
184 100
185 15.5 10.8 16.2
183 8.4 8.1 12.1



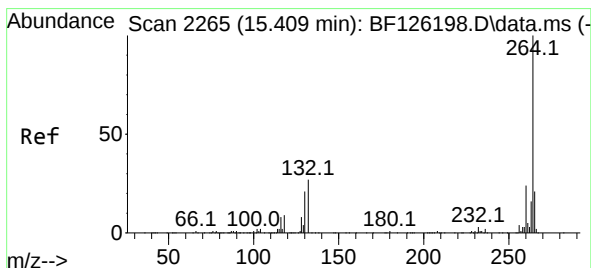
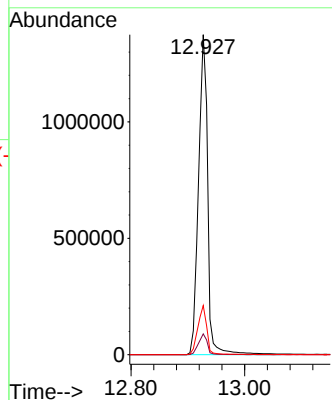
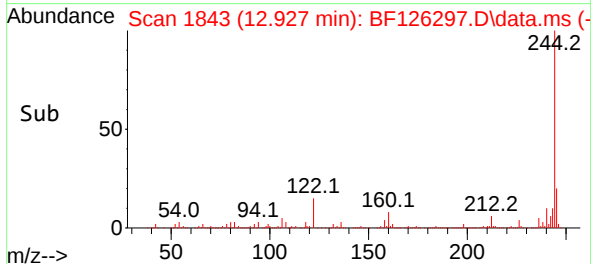


#79
 Terphenyl-d14
 Concen: 79.038 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126297.D
 Acq: 21 Dec 2021 15:21

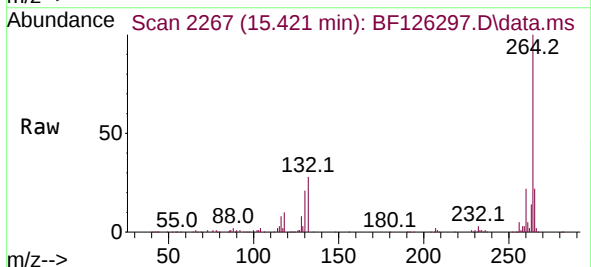
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1553247
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 15.3 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126297.D
 Acq: 21 Dec 2021 15:21



Tgt Ion:264 Resp: 267633
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.6 29.4
 265 22.0 17.2 25.8

